Form Approved OMB No. 2070-0060

\$EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

		Data Matrix			
Date: February 2, 20			EPA Reg. No./File Symbol: 9	1960-X	Page 1 of 10
Applicant's/Registrant's Name and Address: GenSource, Inc. c/o Biologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, C		sfield, CT 06804	Product Name: Bifenthrin Technical		
Ingredients: Active a	nd Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
& 158 310: Produc	t Chemistry Data Requirements				
830.1550	Product identity and composition	46937801~	Tacoma AG, LLC	PERM	CLASSIN CERCIS
000.1000	Troduct identity and composition	48490701	Tacoma AG, LEC	I LIXIVI	
830.1600	Description of materials used to produce the product	46937801~ 48490701	Tacoma AG, LLC	PERM	
830.1620	Description of production process	46937801 — 48490701	Tacoma AG, LLC	PERM	
830.1650	Description of formulation process				1
830.1670	Discussion of formation of impurities	46937801 48490701	Tacoma AG, LLC	PERM	
830.1700	Preliminary analysis	46937802 48490702	Tacoma AG, LLC	PERM	
830.1750	Certified limits	46937802 48490701	Tacoma AG, LLC	PERM	
830.1800	Enforcement analytical method	46937802— 48490702	Tacoma AG, LLC	PERM	
830.1900	Submittal of samples				2
Physical and Chem	nical Properties	停 税 運 		建加雪 計画	唐順 選り
830.6302	Color	46937802	Tacoma AG, LLC	PERM	
830.6303	Physical state	46937802	Tacoma AG, LLC	PERM	
830.6304	Odor	46937802	Tacoma AG, LLC	PERM	
830.6313	Stability (sunlight, temperatures, metals and ions)	46937802	Tacoma AG, LLC	PERM	
830.6314	Oxidation/reduction: chemical compatibility	46937802	Tacoma AG, LLC	PERM	
830.6315	Flammability	46937802	Tacoma AG, LLC	PERM	
330.6316	Explodability				3
830.6317	Storage stability of product	48497401	Tacoma AG, LLC	PERM	
Signature:		Name and Title: Jane M. Miller	:		Date:
Clan M MI	les	Agent			02/02/2016

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	Dat	a Matrix			
Applicant's/Registrar GenSource, Inc. c/o E	Date: February 2, 2016 Applicant's/Registrant's Name and Address: GenSource, Inc. c/o Biologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, CT		EPA Reg. No./File Symbol: 9 Product Name: Bifenthrin Technical	1960-X	Page 2 of 10
Ingredients: Active a	nd Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.6319	Miscibility			T	4
830.6320	Corrosion characteristics	48497401	Tacoma AG, LLC	PERM	
830.6321	Dielectric breakdown voltage				5
830.7000	pH	46937802	Tacoma AG, LLC	PERM	
830.7050	UV Absorption	46937802	Tacoma AG, LLC	PERM	
830.7100	Viscosity				4
830.7200	Melting point/melting range	46937802	Tacoma AG, LLC		
830.7220	Boiling point/boiling range				4
830.7300	Density/relative density/bulk density	46937802	Tacoma AG, LLC		
830.7370	Dissociation constant		Tacoma AG, LLC		
830.7550 830.7560 830.7570	Partition coefficient (n-octanol/water)	46937802	Tacoma AG, LLC		
830.7840	Water solubility	46937802	Tacoma AG, LLC		
830.7950	Vapor pressure				6
850.2300(74-1)	Avian Reproduction	Cite-All		PAY	
850.2400 (71-3)	Wild Mammal Toxicity	Cite-All		PAY	
850.1300 (72.4)	Aquatic Invertebrate Life Cycle	Cite-All		PAY	
850.1500 (72.5)	Fish Life Cycle	Cite-All		PAY	
850.1710, 850.1730, 850.1850 (165-4)	Aquatic Organisms Bioavailability, Biomagnification, Toxicity	Cite-All		PAY	
870.1100	Acute Oral Toxicity	Cite-All		PAY	
870.1200	Acute Dermal Toxicity	Cite-All		PAY	
870.1300	Acute Inhalation	Cite-All		PAY	
870.2400	Acute Eye Irritation	Cite-All		PAY	
Signature:		Name and Title Jane M. Miller Agent	:		Date: 02/02/2016

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	Data N	latrix			
Date: February 2, 2016 Applicant's/Registrant's Name and Address: GenSource, Inc. c/o Biologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, CT		06804	EPA Reg. No./File Symbol: Product Name: Bifenthrin Technical	91960-X	Page 3 of 10
Ingredients: Active ar	nd Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
870.2500	Acute Dermal Irritation	Cite-All	T	PAY	T
870.2600	Skin Sensitization	Cite-All		PAY	
870.3150 (82-1)	90-Day Oral - Non-rodent	Cite-All		PAY	
870.4200 (83-2)	Carcinogenicity	Cite-All		PAY	
835.6200 (164.2)	Aquatic (Sediment) Field Dissipation Study	Cite-All		PAY	
835.6300 (164-3)	Forestry Field Dissipation Study	Cite-All		PAY	
860.1300 (171.4(b))	Nature of Residue in Livestock	Cite-Ail		PAY	
860.1400 (171.4(f))	Nature and Magnitude of the Residue in Drinking and Irrigation Water	Cite-All		PAY	
860.1400 (171-4(g))	Magnitude of Residue in Fish	Cite-All		PAY	
860.1400 (171-4(h)) (165-3)	Magnitude of Residue in Plants Resulting from the Use of Irrigation Water	Cite-All		PAY	
860.1480 (171-4(j))	Magnitude of Residue in Meat, Milk, Poultry and Eggs	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Bushberries	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Caneberries	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Cilantro	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Citrus	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Crambe	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Cucurbits	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Eggplant	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Sweet Corn	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Fruiting Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Garden Beet Roots and Tops	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Globe Artichokes	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Grapes	Cite-All		PAY	
Signature: Jan M. M.S.		Name and Title Jane M. Miller Agent	:		Date: 02/02/2016

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

	Data	Matrix			
Date: February 2, 201				Page 4 of 10	
GenSource, Inc. c/o B	Applicant's/Registrant's Name and Address: GenSource, Inc. c/o Biologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, C		Product Name: Bifenthrin Technical		
Ingredients: Active ar	nd Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
		T 0" 4"			
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Herbs	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of Residue in Plants - Dried Peas and Beans	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Succulent Peas and Beans	Cite-All		PAY	
860.1400 (171-4(h)) (165-3)	Magnitude of the Residue in Plants – Head and Stem Brassica Vegetables	Cite-All		PAY	
860.1480 (171-4(j))	Magnitude of the Residue in Plants - Leafy Brassica Greens	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Leafy Petiole Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Legume Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Lettuce (head)	Cite-All		PAY	7
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Mayhaw	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Okra	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Turnip Greens	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Tuberous and Corm Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Peanuts	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Pears	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Peppers (bell and non-bell)	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Popcorn	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Root Crops (except sugar beets)	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Spinach	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of Residue in Plants - Strawberries	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Tomato	Cite-All		PAY	
860.1500 ((171-4(k))	Magnitude of the Residue in Plants – Tree Nuts	Cite-All		PAY	
Signature:	L.	Name and Title Jane M. Miller Agent	:		Date: 02/02/2016

Form Approved OMB No. 2070-0060

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Pennsylvania Avenue, N.W.	I., Washington, DC 20460. Do not send the form to this address.	,			
	Data N	latrix			
Date: February 2, 2016	3		EPA Reg. No./File Symbol: 9196	0-X	Page 5 of 10
Applicant's/Registrant			Product Name:		
	ologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, CT	06804	Bifenthrin Technical		
	d Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
The following companies ha	ave been sent Offer to Pay letters for the dated selectively cited above	Cite-All	Syngenta Crop Protection, LLC	PAY	
			Greensboro, NC		
		Cite-All	Nufarm Americas, Inc.	PAY	
			Morrisville, NC		
		Cite-All	The Scotts Company	PAY	
			Marysville, OH		
		Cite-All	Bayer Cropscience LP	PAY	
			Research Triangle Park, NC		
		Cite-All	FMC Corp.	PAY	
			Philadelphia, PA		
		Cite-All	Bayer Environmental Science	PAY	
			Research Triangle Park, NC		
		Cite-All	BASF Corporation	PAY	
			Research Triangle Park, NC		
		Cite-All	Lebanon Seaboard Corporation	PAY	
			Lebanon, PA		
		Cite-All	McLaughlin Gormley King Company	PAY	
			Minneapolis, MN		
		Cite-All	Fuller System, Inc.	PAY	
			Woburn, MA		
		Cite-All	Winfield Solutions, LLC	PAY	
			St. Paul, MN		
		Cite-All	Sergeant's Pet Care Products, Inc.	PAY	
			Omaha, NE		
Signature:		Name and Title			Date:
Jan M Mill	LA.	Jane M. Miller Agent			02/02/2016



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

Pennsylvania Avenue, N.V	V., Washington, DC 20460. Do not send the form to this address.		management Emelen (Every, ever Em		
	Data I	Matrix			
Date: February 2, 201	6		EPA Reg. No./File Symbol: 91960-X		Page 6 of 10
	t's Name and Address: iologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, C	Product Name: T 06804 Bifenthrin Technical			
Ingredients: Active an	d Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
		Cite-All	Aceto Agricultural Chemicals Corp.	PAY	
			Fort Washington, NY		
		Cite-All	S.C. Johnson & Son, Inc.	PAY	
			Racine, WI		
		Cite-All	Amvac Chemical Corporation	PAY	
			Newport Beach, CA		
		Cite-All	Helena Chemical Company	PAY	
			Memphis, TN		
		Cite-All	Southern States Cooperative, Inc.	PAY	
			Salem, VA		
		Cite-All	Nippon Soda Co., LTD.	PAY	
			New York, NY		
		Cite-All	The Andersons Lawn Fertilizer Division	PAY	
			Maumee, OH		
		Cite-All	Sunniland Corporation	PAY	
			Sanford, FL		
		Cite-All	Chemsico	PAY	
			St. Louis, MO		
		Cite-All	Lesco, Inc.	PAY	
			Cleveland, OH		
		Cite-All	Adama Makhteshim LTD.	PAY	
			Raleigh, NC		
Signature:		Name and Title	:		Date:
Jan M MIL		Jane M. Miller Agent			02/02/2016

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Pennsylvania Avenue, N.W.,	Washington, DC 20460. Do not send the form to this addre	ss				
		Data Matrix				
Date: February 2, 2016			EPA Reg. No./File Symbol: 91960-X		Page 7 of 10	
Applicant's/Registrant's			Product Name:			
	ogic Consulting, Inc. 115 Obtuse Hill Road Brookf	ield, CT 06804	Bifenthrin Technical			
Ingredients: Active and I	Percent Bifenthrin 98.5%					
Guideline Reference	0.141104.1.11		0.1.34		Notes	
Number	Guideline Study Name	MRID Number	Submitter	Status	Notes	
		Cite-All	Loveland Products, Inc.	PAY		
		Cite-Aii	Greeley, CO	FAI		
		014 - All		DAY		
		Cite-All	Howard Fertilizer & Chemical Co., Inc.	PAY		
			Salem, VA			
		Cite-All	Albaugh, LLC	PAY		
			Valdosta, GA			
		Cite-All	BASF Sparks, LLC	PAY		
			Research Triangle Park, NC			
		Cite-All	Control Solutions, Inc.	PAY		
			Pasadena, TX			
		Cite-All	Arizona Chemical Group, Inc.	PAY		
			Gig Harbor, WA			
		Cite-All	Valent U.S.A. Corporation	PAY		
			Walnut Creek, CA			
		Cite-All	Pyrethroid Working Group	PAY		
			Valdosta, GA			
		Cite-All	Makhteshim Agan of North America, Inc.	PAY		
			Raleigh, NC			
		Cite-All	Arysta Lifescience North America, LLC	PAY		
			Cary, NC			
		Cite-All	Spray Drift Task Force	PAY		
			Washington, DC			
Signature:		Name and Title Jane M. Miller	:		Date:	
Jan M. Mille		Agent			02/02/2016	



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Pennsylvania Avenue, N.W.	., Washington, DC 20460. Do not send the form to this address.	,			
	Data	Matrix			
Date: February 2, 2016			EPA Reg. No./File Symbol: 9196	0-X	Page 8 of 10
Applicant's/Registrant		Product Name:			
	ologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, C	T 06804	Bifenthrin Technical		
	Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
		Cite-All	Bengal Products, Inc.	PAY	
			Baton Rouge, LA		
		Cite-All	United Phosphorus, Inc.	PAY	
			King of Prussia, PA		
		Cite-Ail	Outdoor Residential Exposure TF	PAY	
			Washington, DC		
		Cite-All	Agricultural Reentry Task Force	PAY	
			Washington, DC		
		Cite-All	Sapstain Industry Group	PAY	
			Titusville, NJ		
		Cite-All	Non-Dietary Exposure TF	PAY	
			Washington, DC		
		Cite-All	NISSO TM, LLC	PAY	
			New York, NY		
		Cite-All	Univar Environmental Sciences	PAY	
			Brookfield, CT		
		Cite-All	FIFRA Endangered Species TF	PAY	
			Lakewood, WA		
		Cite-All	Residential Exposure JV	PAY	
			Washington, DC		
		Cite-All	ATEX, Inc.	PAY	
			Valdosta, GA		
		Cite-All	Agricultural Handler Exposure TF	PAY	
			Macon, MO		
Signature: Jan M MIL	u	Name and Title: Jane M. Miller Agent			Date: 02/02/2016



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 1200 Pennsylvania Avenue, N.W. Washington, DC 20460

Pennsylvania Avenue, N.W.	Information including suggestions for reducing the burden to: Directly, Washington, DC 20460. Do not send the form to this address.	tor, OFFE information	ivianagement Division (2137), U.S. Env	dominantal Florest	OF Agency, 1200
		Matrix			
Date: February 2, 2016			EPA Reg. No./File Symbol: 91960-X		
Applicant's/Registrant GenSource, Inc. c/o Bi	's Name and Address: ologic Consulting, Inc. 115 Obtuse Hill Road Brookfield,	CT 06804	Product Name: Bifenthrin Technical		
Ingredients: Active and	d Percent Bifenthrin 98.5%				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
		Cite-All	Osmose Utilities Services, Inc.	PAY	
			Peachtree City, GA		
		Cite-All	Ensystex II, Inc.	PAY	
			Gig Harbor, WA		
		Cite-All	Sharda Cropchem Limited	PAY	
			Hockessin, DE		
		Cite-All	Direct Ag Source, LLC	PAY	
			Brookfield, CT		
		Cite-All	Tacoma Ag, LLC	PAY	
			Brookfield, CT		
		Cite-All	Sharda USA, LLC	PAY	
			Hockessin, DE		
		Cite-All	Ensystex IV, Inc.	PAY	-
		- 	Gig Harbor, WA		
		Cite-All	Wet & Forget USA, LTD	PAY	
			Washington, DC		
		Cite-All	Generic Endangered Species TF	PAY	
			Gig Harbor, WA		-
		Cite-All	Kaizen Technologies, LLC	PAY	
			Johnston, CO		-
		Cite-All	Bifenthrin TF Steering Committee	PAY	
			Washington, DC		
		Cite-All	Vive Crop Protection, Inc.	PAY	
			East Lansing, MI		
Signature:		Name and Title			Date:
Jan M Mil		Jane M. Miller Agent			02/02/2016

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	Data	Matrix				
Date: February 2, 201	6		EPA Reg. No./File Symbol: 919	60-X	Page 10 of 10	
	's Name and Address:		Product Name:			
	iologic Consulting, Inc. 115 Obtuse Hill Road Brookfield, C	T 06804	Bifenthrin Technical			
	d Percent Bifenthrin 98.5%					
Guideline Reference						
Number	Guideline Study Name	MRID Number	Submitter	Status	Notes	
		Cite-All	Liberty Crop Protection, LLC	PAY		
			Loveland, CO			
						
`		 				
					L	
		otes				
1. N/A: Product is a TGAI, no		4. N/A: Product is not a liquid.				
Samples will be submitted		5. N/A: Product is not for use in/on/around electrical equipment				
3. N/A: Product is not potenti	ally explosive		re indicates that the vapor pressure is below	w any of the guideline	e test methods.	
		Therefore, it is not p	ossible to determine an accurate reading.			
Signature:		Name and Title	:		Date:	
Jan M. M.D.		Jane M. Miller				
()am IN MICE	. ^	Agent			02/02/2016	